

**Project WET
Connections to KY
Core Content 4.1**

The Life Box p.76

Elementary

Science

SC-EP-2.3.1

Students will describe earth materials (solid rocks, soils, water and gases of the atmosphere) using their properties.

Earth materials include solid rocks and soils, water and the gases of the atmosphere. Minerals that make up rocks have properties of color, luster and hardness. Soils have properties of color, texture, the capacity to retain water and the ability to support plant growth. Water on Earth and in the atmosphere can be a solid, liquid or gas.

DOK 2

SC-04-2.3.1

Students will:

- classify earth materials by the ways that they are used;
- explain how their properties make them useful for different purposes.

Earth materials provide many of the resources humans use. The varied materials have different physical properties that can be used to describe, separate, sort and classify them. Inferences about the unique properties of the earth materials yield ideas about their usefulness. For example, some are useful as building materials (e.g., stone, clay, marble), some as sources of fuel (e.g., petroleum, natural gas), or some for growing the plants we use as food.

DOK 2

SC-EP-3.4.1

Students will explain the basic needs of organisms.

Organisms have basic needs. For example, animals need air, water and food; plants need air, water, nutrients and light. Organisms can survive only in environments in which their needs can be met.

DOK 2

Middle School

Arts & Humanities

AH-06-4.4.1

Students will create art for specific purposes using the elements of art and principles of design to communicate ideas.

AH-07-4.4.1

Students will create art for specific purposes using the elements of art and principles of design to communicate ideas.

AH-08-4.4.1

Students will create art for specific purposes using the elements of art and principles of design to communicate ideas.